

GenCore version 5.1.4.p5.4578  
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OM protein - protein search, using sw model

Run on: May 19, 2003, 16:48:18 ; Search time 34.139 Seconds  
(without alignments)  
1056.640 Million cell updates/sec

Title: US-09-625-573-2

Perfect score: 1970

Sequence: 1 MLSTSRSRFRINTNESGEV.....GKGSIGRAPEASLQDKEGA 374

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 362588 seqs, 96450795 residues

Total number of hits satisfying chosen parameters: 362588

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications AA:

- 1: /cgn2\_6/ptodata/2/pubpaa/US08\_NEW\_PUB\_PEP.\*
- 2: /cgn2\_6/ptodata/2/pubpaa/PCT\_NEW\_PUB\_PEP.\*
- 3: /cgn2\_6/ptodata/2/pubpaa/US06\_NEW\_PUB\_PEP.\*
- 4: /cgn2\_6/ptodata/2/pubpaa/US06\_PUBCOMB\_PEP.\*
- 5: /cgn2\_6/ptodata/2/pubpaa/US07\_NEW\_PUB\_PEP.\*
- 6: /cgn2\_6/ptodata/2/pubpaa/US07\_PUBCOMB\_PEP.\*
- 7: /cgn2\_6/ptodata/2/pubpaa/PCTUS\_PUBCOMB\_PEP.\*
- 8: /cgn2\_6/ptodata/2/pubpaa/US08\_PUBCOMB\_PEP.\*
- 9: /cgn2\_6/ptodata/2/pubpaa/US09\_NEW\_PUB\_PEP.\*
- 10: /cgn2\_6/ptodata/2/pubpaa/US09\_PUBCOMB\_PEP.\*
- 11: /cgn2\_6/ptodata/2/pubpaa/US10\_NEW\_PUB\_PEP.\*
- 12: /cgn2\_6/ptodata/2/pubpaa/US10\_PUBCOMB\_PEP.\*
- 13: /cgn2\_6/ptodata/2/pubpaa/US60\_NEW\_PUB\_PEP.\*
- 14: /cgn2\_6/ptodata/2/pubpaa/US60\_PUBCOMB\_PEP.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1823	92.5	344	9	US-10-232-686-9
2	1823	92.5	344	10	US-09-779-879A-9
3	1823	92.5	344	10	US-09-779-880A-9
4	1727.5	87.7	329	10	US-09-725-285-9
5	1727.5	87.7	329	10	US-09-193-662A-9
6	1727.5	87.7	329	10	US-09-339-912A-9
7	1727.5	87.7	329	10	US-09-502-783A-9
8	1651.5	83.8	360	10	US-09-131-827A-2
9	1650.5	83.8	360	10	US-09-131-827A-20
10	1645.5	83.5	360	10	US-09-938-719-7
11	1645.5	83.5	360	10	US-09-938-728-7
12	1645.5	83.5	360	10	US-09-938-703-7
13	1589.5	80.7	347	10	US-09-104-792-3
14	1224	62.1	352	9	US-10-232-686-2
15	1224	62.1	352	10	US-09-725-285-2
16	1224	62.1	352	10	US-09-759-841-2
17	1224	62.1	352	10	US-09-779-879A-22
18	1224	62.1	352	10	US-09-779-880A-22
19	1224	62.1	352	10	US-09-813-653-15

20	1224	62.1	352	10	US-09-796-202-1	Sequence 1, Appli
21	1224	62.1	352	10	US-09-195-662A-2	Sequence 2, Appli
22	1224	62.1	352	10	US-09-339-912A-2	Sequence 2, Appli
23	1224	62.1	352	10	US-09-938-719-5	Sequence 5, Appli
24	1224	62.1	352	10	US-09-939-226-5	Sequence 5, Appli
25	1224	62.1	352	10	US-09-938-703-5	Sequence 5, Appli
26	1224	62.1	352	10	US-09-502-783A-2	Sequence 2, Appli
27	1224	62.1	352	12	US-10-106-623-2	Sequence 2, Appli
28	1224	62.1	352	12	US-10-106-623-20	Sequence 20, Appl
29	1218	61.8	352	10	US-09-813-653-17	Sequence 17, Appl
30	1215	61.7	352	10	US-09-779-879A-2	Sequence 2, Appli
31	1215	61.7	352	10	US-09-779-880A-2	Sequence 2, Appli
32	967.5	49.1	355	10	US-09-961-068-1	Sequence 1, Appli
33	967.5	49.1	355	10	US-09-960-547-1	Sequence 1, Appli
34	940.5	47.7	355	10	US-09-938-719-9	Sequence 9, Appli
35	940.5	47.7	355	10	US-09-939-226-9	Sequence 9, Appli
36	940.5	47.7	355	10	US-09-938-703-9	Sequence 9, Appli
37	890.5	45.2	355	10	US-09-931-381A-16	Sequence 16, Appl
38	886.5	45.0	332	9	US-10-001-835-140	Sequence 140, App
39	886.5	45.0	355	9	US-09-922-895-1	Sequence 1, Appli
40	886.5	45.0	355	12	US-10-106-623-4	Sequence 4, Appli
41	858.5	43.6	355	10	US-09-938-719-8	Sequence 8, Appli
42	858.5	43.6	355	10	US-09-939-226-8	Sequence 8, Appli
43	858.5	43.6	355	10	US-09-938-703-8	Sequence 8, Appli
44	831.5	42.2	360	9	US-10-120-394-20	Sequence 20, Appl
45	831.5	42.2	360	9	US-09-764-413-20	Sequence 20, Appl

#### ALIGNMENTS

RESULT 1  
US-10-232-686-9  
; Sequence 9, Application US/10232686  
; Publication No. US20030023044A1  
; GENERAL INFORMATION:

; APPLICANT: Li, Yi  
; APPLICANT: Ruben, Steven M.

; TITLE OF INVENTION: Human G-Protein Chemokine Receptor (CCR5) HDGNR10  
; FILE REFERENCE: 1488.115000N  
; CURRENT APPLICATION NUMBER: US/10/232,686

; CURRENT FILING DATE: 2002-09-03

; PRIOR APPLICATION NUMBER: 09/339,912

; PRIOR FILING DATE: 1999-06-25

; PRIOR APPLICATION NUMBER: 09/195,662

; PRIOR FILING DATE: 1998-11-18

; PRIOR APPLICATION NUMBER: 08/466,343

; PRIOR FILING DATE: 1995-06-06

; NUMBER OF SEQ ID NOS: 9

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 9

; LENGTH: 344

; TYPE: PRT

; ORGANISM: Homo Sapiens

; US-10-232-686-9

Query Match 92.5%; Score 1823; DB 9; Length 344;  
Best Local Similarity 100.0%; Pred. No. 1.6e-155;  
Matches 344; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 18 EEVTFEDYDYGAPCHKFDYKQIGAQLLPPLYSLVTFGFGVGNMLVLLINCKKLCIT 77  
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Db 1 EEVTFEDYDYGAPCHKFDYKQIGAQLLPPLYSLVTFGFGVGNMLVLLINCKKLCIT 60  
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QY 78 DIYLLNLAIISDLLELITLPWAHSAANEVFGNAMCKFLTGLYHIGVFGGFFILLITID 137  
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Db 61 DIYLLNLAIISDLLELITLPWAHSAANEVFGNAMCKFLTGLYHIGVFGGFFILLITID 120  
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QY 138 RYLAIVHAVFALKARTVTFGVVTSVITWLVAFAVSVPGLIFTKCKEDSVYVCGPYFPRG 197  
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Db 121 RYLAIVHAVFALKARTVTFGVVTSVITWLVAFAVSVPGLIFTKCKEDSVYVCGPYFPRG 180  
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QY 198 WNNFHTIMRNTLGLVLPVLLIMVICYSGILKTLKCRNEKRRHRAVRVIFTIMVYFLFWT 257  
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Db 181 WNNFHTIMRNILGLVPLLLIMVICYSGILKTLRCRNEKRRHRAVRVFTIMIVFLFWT 240  
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Db 241 PYNIVILLNTFOEFFGLSNCESTSQLDQATQVTTGLMTHCCINPIIYAFVGEKFRSLFH 300  
QY 318 IALGCRAPLOKPCVGGPGVRGKNNKVVTTQGLLDGRGKKSIG 361  
Db 301 IALGCRAPLOKPCVGGPGVRGKNNKVVTTQGLLDGRGKKSIG 344

## RESULT 2

US-09-779-879A-9  
; Sequence 9, Application US/09779879A  
; Patent No. US20020048786A1  
; GENERAL INFORMATION:  
; APPLICANT: Rosen, Craig A.  
; APPLICANT: Roschke, Viktor  
; APPLICANT: Li, Yi  
; APPLICANT: Ruben, Steven, M.  
; TITLE OF INVENTION: Human G-protein Chemokine Receptor (CCR5) HDGCR10  
; FILE REFERENCE: 1488.115000A  
; CURRENT APPLICATION NUMBER: US/09/779,879A  
; CURRENT FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: US 60/181,258  
; PRIOR FILING DATE: 2000-02-09  
; PRIOR APPLICATION NUMBER: US 60/187,999  
; PRIOR FILING DATE: 2000-03-09  
; PRIOR APPLICATION NUMBER: US 60/234,336  
; PRIOR FILING DATE: 2000-09-22  
; NUMBER OF SEQ ID NOS: 58  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 9  
; LENGTH: 344  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-779-879A-9

Query Match 92.5%; Score 1823; DB 10; Length 344;  
Best Local Similarity 100.0%; Pred. No. 1.6e-155;  
Matches 344; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 18 EVVTFDDYDYGAPCHKFDVKQIGAOQLPPLYSILVTFEGVGNMVLVLLINCKKLCIT 77  
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QY 78 DIYLLNLAISDLLFLITLPLWAHSAANWVFGNAMCKLFTGLYHIGYFGGIFILLTID 137  
61 DIYLLNLAISDLLFLITLPLWAHSAANWVFGNAMCKLFTGLYHIGYFGGIFILLTID 120  
QY 138 RYLAIVHAVFALKARTVTEGVVTSVITLWVAVPASVPGIIFTCQKEDSVVCGPYPPRG 197  
Db 121 RYLAIVHAVFALKARTVTEGVVTSVITLWVAVPASVPGIIFTCQKEDSVVCGPYPPRG 180  
QY 198 WNNFHTIMRNILGLVPLLLIMVICYSGILKTLRCRNEKRRHRAVRVFTIMIVFLFWT 257  
Db 181 WNNFHTIMRNILGLVPLLLIMVICYSGILKTLRCRNEKRRHRAVRVFTIMIVFLFWT 240  
QY 258 PYNIVILLNTFOEFFGLSNCESTSQLDQATQVTTGLMTHCCINPIIYAFVGEKFRSLFH 317  
Db 241 PYNIVILLNTFOEFFGLSNCESTSQLDQATQVTTGLMTHCCINPIIYAFVGEKFRSLFH 300  
QY 318 IALGCRAPLOKPCVGGPGVRGKNNKVVTTQGLLDGRGKKSIG 361  
Db 301 IALGCRAPLOKPCVGGPGVRGKNNKVVTTQGLLDGRGKKSIG 344

## RESULT 3

US-09-779-880A-9  
; Sequence 9, Application US/09779880A  
; Patent No. US20020061834A1  
; GENERAL INFORMATION:

; APPLICANT: Rosen, Craig A.  
; APPLICANT: Roschke, Viktor  
; APPLICANT: Li, Yi  
; APPLICANT: Ruben, Steven, M.  
; TITLE OF INVENTION: Human G-protein Chemokine Receptor (CCR5) HDGCR10  
; FILE REFERENCE: 1488.115000C  
; CURRENT APPLICATION NUMBER: US/09/779,880A  
; CURRENT FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: US 60/181,258  
; PRIOR FILING DATE: 2000-02-09  
; PRIOR APPLICATION NUMBER: US 60/187,999  
; PRIOR FILING DATE: 2000-03-09  
; PRIOR APPLICATION NUMBER: US 60/234,336  
; PRIOR FILING DATE: 2000-09-22  
; NUMBER OF SEQ ID NOS: 58  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 9  
; LENGTH: 344  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-779-880A-9

Query Match 92.5%; Score 1823; DB 10; Length 344;  
Best Local Similarity 100.0%; Pred. No. 1.6e-155;  
Matches 344; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 18 EVVTFDDYDYGAPCHKFDVKQIGAOQLPPLYSILVTFEGVGNMVLVLLINCKKLCIT 77  
Db 1 EVVTFDDYDYGAPCHKFDVKQIGAOQLPPLYSILVTFEGVGNMVLVLLINCKKLCIT 60  
QY 78 DIYLLNLAISDLLFLITLPLWAHSAANWVFGNAMCKLFTGLYHIGYFGGIFILLTID 137  
61 DIYLLNLAISDLLFLITLPLWAHSAANWVFGNAMCKLFTGLYHIGYFGGIFILLTID 120  
QY 138 RYLAIVHAVFALKARTVTEGVVTSVITLWVAVPASVPGIIFTCQKEDSVVCGPYPPRG 197  
Db 121 RYLAIVHAVFALKARTVTEGVVTSVITLWVAVPASVPGIIFTCQKEDSVVCGPYPPRG 180  
QY 198 WNNFHTIMRNILGLVPLLLIMVICYSGILKTLRCRNEKRRHRAVRVFTIMIVFLFWT 257  
Db 181 WNNFHTIMRNILGLVPLLLIMVICYSGILKTLRCRNEKRRHRAVRVFTIMIVFLFWT 240  
QY 258 PYNIVILLNTFOEFFGLSNCESTSQLDQATQVTTGLMTHCCINPIIYAFVGEKFRSLFH 317  
Db 241 PYNIVILLNTFOEFFGLSNCESTSQLDQATQVTTGLMTHCCINPIIYAFVGEKFRSLFH 300  
QY 318 IALGCRAPLOKPCVGGPGVRGKNNKVVTTQGLLDGRGKKSIG 361  
Db 301 IALGCRAPLOKPCVGGPGVRGKNNKVVTTQGLLDGRGKKSIG 344

## RESULT 4

US-09-725-285-9  
; Sequence 9, Application US/09725285  
; Patent No. US20010000241A1  
; GENERAL INFORMATION:  
; APPLICANT: Li, Yi  
; APPLICANT: Ruben, Steven, M.  
; TITLE OF INVENTION: Antibodies to Human G-Protein Chemokine Receptor HDGCR10  
; FILE REFERENCE: 1488.1150003  
; CURRENT APPLICATION NUMBER: US/09/725,285  
; CURRENT FILING DATE: 2000-11-29  
; PRIOR APPLICATION NUMBER: 09/339,912  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/195,662  
; PRIOR FILING DATE: 1998-11-18  
; PRIOR APPLICATION NUMBER: 08/466,343  
; PRIOR FILING DATE: 1995-06-06  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 9  
; LENGTH: 329

; TYPE: PRT  
; ORGANISM: Protein  
US-09-725-285-9

Query Match 87.7%; Score 1727.5; DB 10; Length 329;  
Best Local Similarity 95.6%; Pred. No. 5.3e-147;  
Matches 329; Conservative 0; Mismatches 0; Indels 15; Gaps 1;

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QY 78 DIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLYHIGYFGGIFFIILLTID 137  
DB 61 DIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLYHI----- 105  
QY 138 RYLAIVHAVFALKARTVTFGVVTSVITLWLVAVFASVPGIIFTKCKEDSVVYCGPYFPRG 197  
DB 106 RYLAIVHAVFALKARTVTFGVVTSVITLWLVAVFASVPGIIFTKCKEDSVVYCGPYFPRG 165  
QY 198 WNNFHTIMRNILGLVPLLMVICYSGLILTKLLRCRNEKKRHRRAVRVIFTIMIVYFLFWT 257  
DB 166 WNNFHTIMRNILGLVPLLMVICYSGLILTKLLRCRNEKKRHRRAVRVIFTIMIVYFLFWT 225  
QY 258 PYNIVILLNTFOEFFGLSNCESTSOLDQATQVTTGLMTHCCINPIIYAFVGEKFRSLFH 317  
DB 226 PYNIVILLNTFOEFFGLSNCESTSOLDQATQVTTGLMTHCCINPIIYAFVGEKFRSLFH 285  
QY 318 IALGCRITAPLQKPGVCGPVRGKNNKVVTTQGLLDGRGKGSIG 361  
DB 286 IALGCRITAPLQKPGVCGPVRGKNNKVVTTQGLLDGRGKGSIG 329

## RESULT 5

US-09-195-662A-9  
; Sequence 9, Application US/09195662A  
; Patent No. US20020076745A1

; GENERAL INFORMATION:  
; APPLICANT: Li, Yi  
; APPLICANT: Ruben, Steven, M.  
; TITLE OF INVENTION: Human G-protein Chemokine Receptor HDGNR10 (CCR5 Receptor)  
; FILE REFERENCE: 1488.1150002  
; CURRENT APPLICATION NUMBER: US/09/195,662A  
; CURRENT FILING DATE: 1998-11-18  
; PRIOR APPLICATION NUMBER: 08/466,343  
; PRIOR FILING DATE: 1995-06-06  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 9  
; TYPE: PRT  
; ORGANISM: Protein  
US-09-195-662A-9

Query Match 87.7%; Score 1727.5; DB 10; Length 329;  
Best Local Similarity 95.6%; Pred. No. 5.3e-147;  
Matches 329; Conservative 0; Mismatches 0; Indels 15; Gaps 1;

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DB 1 EEVTTFFDYDYGAPCHKFDVKQIGALLPPLYSLVFIFGVGNMVLVLLINCKKLCLT 60  
QY 78 DIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLYHIGYFGGIFFIILLTID 137  
DB 61 DIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLYHI----- 105  
QY 138 RYLAIVHAVFALKARTVTFGVVTSVITLWLVAVFASVPGIIFTKCKEDSVVYCGPYFPRG 197  
DB 106 RYLAIVHAVFALKARTVTFGVVTSVITLWLVAVFASVPGIIFTKCKEDSVVYCGPYFPRG 165  
QY 198 WNNFHTIMRNILGLVPLLMVICYSGLILTKLLRCRNEKKRHRRAVRVIFTIMIVYFLFWT 257  
DB 166 WNNFHTIMRNILGLVPLLMVICYSGLILTKLLRCRNEKKRHRRAVRVIFTIMIVYFLFWT 225

QY 258 PYNIVILLNTFOEFFGLSNCESTSOLDQATQVTTGLMTHCCINPIIYAFVGEKFRSLFH 317  
DB 226 PYNIVILLNTFOEFFGLSNCESTSOLDQATQVTTGLMTHCCINPIIYAFVGEKFRSLFH 285  
QY 318 IALGCRITAPLQKPGVCGPVRGKNNKVVTTQGLLDGRGKGSIG 361  
DB 286 IALGCRITAPLQKPGVCGPVRGKNNKVVTTQGLLDGRGKGSIG 329

## RESULT 6

US-09-339-912A-9  
; Sequence 9, Application US/09339912A  
; Patent No. US20020099176A1  
; GENERAL INFORMATION:  
; APPLICANT: Li, Yi  
; APPLICANT: Ruben, Steven, M.  
; TITLE OF INVENTION: Antibodies to Human G-Protein Chemokine Receptor HDGNR10  
; FILE REFERENCE: 1488.1150003  
; CURRENT APPLICATION NUMBER: US/09/339,912A  
; CURRENT FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/195,662  
; PRIOR FILING DATE: 1998-11-18  
; PRIOR APPLICATION NUMBER: 08/466,343  
; PRIOR FILING DATE: 1995-06-06  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 9  
; LENGTH: 329  
; TYPE: PRT  
; ORGANISM: Protein  
US-09-339-912A-9

Query Match 87.7%; Score 1727.5; DB 10; Length 329;  
Best Local Similarity 95.6%; Pred. No. 5.3e-147;  
Matches 329; Conservative 0; Mismatches 0; Indels 15; Gaps 1;

QY 18 EEVTTFFDYDYGAPCHKFDVKQIGALLPPLYSLVFIFGVGNMVLVLLINCKKLCLT 77  
DB 1 EEVTTFFDYDYGAPCHKFDVKQIGALLPPLYSLVFIFGVGNMVLVLLINCKKLCLT 60  
QY 78 DIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLYHIGYFGGIFFIILLTID 137  
DB 61 DIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLYHI----- 105  
QY 138 RYLAIVHAVFALKARTVTFGVVTSVITLWLVAVFASVPGIIFTKCKEDSVVYCGPYFPRG 197  
DB 106 RYLAIVHAVFALKARTVTFGVVTSVITLWLVAVFASVPGIIFTKCKEDSVVYCGPYFPRG 165  
QY 198 WNNFHTIMRNILGLVPLLMVICYSGLILTKLLRCRNEKKRHRRAVRVIFTIMIVYFLFWT 257  
DB 166 WNNFHTIMRNILGLVPLLMVICYSGLILTKLLRCRNEKKRHRRAVRVIFTIMIVYFLFWT 225  
QY 258 PYNIVILLNTFOEFFGLSNCESTSOLDQATQVTTGLMTHCCINPIIYAFVGEKFRSLFH 317  
DB 226 PYNIVILLNTFOEFFGLSNCESTSOLDQATQVTTGLMTHCCINPIIYAFVGEKFRSLFH 285  
QY 318 IALGCRITAPLQKPGVCGPVRGKNNKVVTTQGLLDGRGKGSIG 361  
DB 286 IALGCRITAPLQKPGVCGPVRGKNNKVVTTQGLLDGRGKGSIG 329

## RESULT 7

US-09-502-783A-9  
; Sequence 9, Application US/09502783A  
; Patent No. US20020132269A1  
; GENERAL INFORMATION:  
; APPLICANT: Li, Yi  
; APPLICANT: Ruben, Steven, M.  
; TITLE OF INVENTION: Polynucleotides Encoding Human G-Protein Chemokine Receptor  
; FILE REFERENCE: 1488.1150006

; CURRENT APPLICATION NUMBER: US/09/502,783A  
; CURRENT FILING DATE: 2001-08-23  
; PRIOR APPLICATION NUMBER: 08/466,343  
; PRIOR FILING DATE: 1995-06-06  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 9  
; LENGTH: 329  
; TYPE: PRT  
; ORGANISM: Protein  
US-09-502-783A-9

Query Match 87.7%; Score 1727.5; DB 10; Length 329;  
Best Local Similarity 95.6%; Pred. No. 5.3e-147;  
Matches 329; Conservative 0; Mismatches 0; Indels 15; Gaps 1;

QY 18 EEVTFEDYDYGAPCHKFDVKQIGAOQLPPLYSLVFIFGFGVGNMLVLLINCKKLCGLT 77  
Db 1 EEVTFEDYDYGAPCHKFDVKQIGAOQLPPLYSLVFIFGFGVGNMLVLLINCKKLCGLT 60  
Db 78 DIYLLNLAISSDLLFLITPLWHAASAANWVFGNAMCKLFTGLYHI----- 105  
Db 61 DIYLLNLAISSDLLFLITPLWHAASAANWVFGNAMCKLFTGLYHI----- 105  
QY 138 RYLAIVHAFALKARTVTFGVVTSVITWLVAVFASVPGIIFTKCKEDSVVYVCGPYPRG 197  
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QY 198 WNNFHTIMRNILGLVPLLMVIMVICSGLKTLRCRNEKRRHRAVRVFTIMIVYELFWT 257  
Db 166 WNNFHTIMRNILGLVPLLMVIMVICSGLKTLRCRNEKRRHRAVRVFTIMIVYELFWT 225  
QY 258 PYNIVILLNTFOFFGLSNCESTSQLDQATQVTTGLMTHCCINPIIYAFVGEKRSLEH 317  
Db 226 PYNIVILLNTFOFFGLSNCESTSQLDQATQVTTGLMTHCCINPIIYAFVGEKRSLEH 285  
QY 318 IALGCRITAPLOKPVCGPGVPRGKNNKVVTTQGLDGRGKKSIG 361  
Db 286 IALGCRITAPLOKPVCGPGVPRGKNNKVVTTQGLDGRGKKSIG 329

RESULT 8  
US-09-131-827A-2  
; Sequence 2, Application US/09131827A  
; Patent No. US20020038469A1  
; GENERAL INFORMATION:

; APPLICANT: Dean, Michael  
; APPLICANT: O'Brien, Stephen J.  
; APPLICANT: Smith, Michael  
; APPLICANT: Carrington, Mary  
; TITLE OF INVENTION: DELAYED PROGRESSION TO AIDS BY A  
; FILE REFERENCE: 14014.0333  
; CURRENT APPLICATION NUMBER: US/09/131,827A  
; PRIOR FILING DATE: 1998-08-10  
; PRIOR APPLICATION NUMBER: 60/055,659  
; PRIOR FILING DATE: 1997-08-14  
; NUMBER OF SEQ ID NOS: 20  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 2  
; LENGTH: 360  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-131-827A-2

Query Match 83.8%; Score 1651.5; DB 10; Length 360;  
Best Local Similarity 95.5%; Pred. No. 3.8e-140;  
Matches 319; Conservative 3; Mismatches 5; Indels 7; Gaps 3;

QY 1 MLSTSRFRIRNTNESGEEVTTFFDYDYGAPCHKFDVKQIGAOQLPPLYSLVFIFGVGN 60  
Db 1 MLSTSRFRIRNTNESGEEVTTFFDYDYGAPCHKFDVKQIGAOQLPPLYSLVFIFGVGN 60

QY 61 MLVVLILINCKKLCGLTDIYLLNLAISSDLLFLITPLWHAASAANWVFGNAMCKLFTGLY 120  
Db 61 MLVVLILINCKKLCGLTDIYLLNLAISSDLLFLITPLWHAASAANWVFGNAMCKLFTGLY 120  
QY 121 HIGYFGGIIFFIILLTIDRYLAIVHAFALKARTVTFGVVTSVITWLVAVFASVPGIIFTK 180  
Db 121 HIGYFGGIIFFIILLTIDRYLAIVHAFALKARTVTFGVVTSVITWLVAVFASVPGIIFTK 180  
QY 181 COKEDSVYVCGPYPRGWNNEFTIMRNILGLVPLLMVIMVICSGLKTLRCRNEKRRHR 240  
Db 181 COKEDSVYVCGPYPRGWNNEFTIMRNILGLVPLLMVIMVICSGLKTLRCRNEKRRHR 240  
QY 241 AVRVIPTIMIVYELFWTTPYINIVILLNTFOFFGLSNCESTSQLDQATQVTTGLMTHCCI 300  
Db 241 AVRVIPTIMIVYELFWTTPYINIVILLNTFOFFGLSNCESTSQLDQATQVTTGLMTHCCI 300  
QY 301 NPITIAFVGEKFR---SLF---HIALG-CRIAPL 327  
Db 301 NPITIAFVGEKFR---SLF---HIALG-CRIAPL 327

## RESULT 9

US-09-131-827A-20  
; Sequence 20, Application US/09131827A  
; Patent No. US20020038469A1  
; GENERAL INFORMATION:

; APPLICANT: Dean, Michael  
; APPLICANT: O'Brien, Stephen J.  
; APPLICANT: Smith, Michael  
; APPLICANT: Carrington, Mary  
; TITLE OF INVENTION: DELAYED PROGRESSION TO AIDS BY A  
; FILE REFERENCE: 14014.0333  
; CURRENT APPLICATION NUMBER: US/09/131,827A  
; CURRENT FILING DATE: 1998-08-10  
; PRIOR FILING DATE: 1997-08-14  
; NUMBER OF SEQ ID NOS: 20  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 20  
; LENGTH: 360  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-131-827A-20

Query Match 83.8%; Score 1650.5; DB 10; Length 360;  
Best Local Similarity 95.2%; Pred. No. 4.7e-140;  
Matches 318; Conservative 4; Mismatches 5; Indels 7; Gaps 3;

QY 1 MLSTSRFRIRNTNESGEEVTTFFDYDYGAPCHKFDVKQIGAOQLPPLYSLVFIFGVGN 60  
Db 1 MLSTSRFRIRNTNESGEEVTTFFDYDYGAPCHKFDVKQIGAOQLPPLYSLVFIFGVGN 60  
QY 61 MLVVLILINCKKLCGLTDIYLLNLAISSDLLFLITPLWHAASAANWVFGNAMCKLFTGLY 120  
Db 61 MLVVLILINCKKLCGLTDIYLLNLAISSDLLFLITPLWHAASAANWVFGNAMCKLFTGLY 120  
QY 121 HIGYFGGIIFFIILLTIDRYLAIVHAFALKARTVTFGVVTSVITWLVAVFASVPGIIFTK 180  
Db 121 HIGYFGGIIFFIILLTIDRYLAIVHAFALKARTVTFGVVTSVITWLVAVFASVPGIIFTK 180  
QY 181 COKEDSVYVCGPYPRGWNNEFTIMRNILGLVPLLMVIMVICSGLKTLRCRNEKRRHR 240  
Db 181 COKEDSVYVCGPYPRGWNNEFTIMRNILGLVPLLMVIMVICSGLKTLRCRNEKRRHR 240  
QY 241 AVRVIPTIMIVYELFWTTPYINIVILLNTFOFFGLSNCESTSQLDQATQVTTGLMTHCCI 300  
Db 241 AVRVIPTIMIVYELFWTTPYINIVILLNTFOFFGLSNCESTSQLDQATQVTTGLMTHCCI 300  
QY 301 NPITIAFVGEKFR---SLF---HIALG-CRIAPL 327  
Db 301 NPITIAFVGEKFR---SLF---HIALG-CRIAPL 327

## RESULT 10

US-09-938-719-7  
; Sequence 7, Application US/09938719  
; Patent No. US20020106742A1  
; GENERAL INFORMATION:

APPLICANT: SAMSON, MICHEL  
PARMENTIER, MARC  
VASSART, GILBERT  
LIBERT, FREDERICK

TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR  
AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR

NUMBER OF SEQUENCES: 17

CORRESPONDENCE ADDRESS:

ADDRESSEE: Knobbe, Martens, Olson & Bear

STREET: 620 Newport Center Drive 16th Floor

CITY: Newport Beach

STATE: CA

COUNTRY: U.S.A.

ZIP: 92660

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/938,719

FILING DATE: 24-Aug-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/626,939

FILING DATE: 27-JULY-2000

ATTORNEY/AGENT INFORMATION:

NAME: Altman, Daniel E

REGISTRATION NUMBER: 34,115

REFERENCE/DOCKET NUMBER: <Unknown>

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:

LENGTH: 360 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: No. US20020106742A1e

SEQUENCE DESCRIPTION: SEQ ID NO: 7:

US-09-938-719-7

Query Match 83.5%; Score 1645.5; DB 10; Length 360;  
Best Local Similarity 94.9%; Pred. No. 1.3e-139;  
Matches 317; Conservative 4; Mismatches 6; Indels 7; Gaps 3;

QY	1	MLSTSRSRFRINTNESGEEVTTFFDYDYGAPCHKFDVKQIGAOQLPPLYSLVFIFFGVGN	60
Db	1	MLSTSRSRFRINTNESGEEVTTFFDYDYGAPCHKFDVKQIGAOQLPPLYSLVFIFFGVGN	60
QY	61	MLVVLILNCKKLCLELDIYLLNLAISDLLFLITPLWAHSAANEWVFGNAMCKLFTGLY	120
Db	61	MLVVLILNCKKLCLELDIYLLNLAISDLLFLITPLWAHSAANEWVFGNAMCKLFTGLY	120
QY	121	HIGYFGGIFILLITIDRYLAIVHAVFALKARTVTFGVVTSVITWLVAFAVSPGIIFTK	180
Db	121	HIGYFGGIFILLITIDRYLAIVHAVFALKARTVTFGVVTSVITWLVAFAVSPGIIFTK	180
QY	181	CQEDSVVCGPYPRGWNNEFTIMRNILGLVLPILLIMVICYSGILKTLRCRNEKKRHR	240
Db	181	CQEDSVVCGPYPRGWNNEFTIMRNILGLVLPILLIMVICYSGILKTLRCRNEKKRHR	240
QY	241	AVRVFTIMIVYFWTPYNIIVLLNTFQEFFGLSNCESTSQLDOATQVTTGLMTHCCI	300
Db	241	AVRVFTIMIVYFWTPYNIIVLLNTFQEFFGLSNCESTSQLDOATQVTTGLMTHCCI	300
QY	301	NPPIYAFVGEKFR---SLF---HIALG-CRIAPL 327	
Db	301	NPPIYAFVGEKFRYISVFFRKKHIXXXFCQCPV 334	

## RESULT 11

US-09-939-226-7  
; Sequence 7, Application US/09939226  
; Patent No. US20020110805A1  
; GENERAL INFORMATION:

APPLICANT: SAMSON, MICHEL  
PARMENTIER, MARC  
VASSART, GILBERT  
LIBERT, FREDERICK

TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR  
AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR

NUMBER OF SEQUENCES: 17

CORRESPONDENCE ADDRESS:

ADDRESSEE: Knobbe, Martens, Olson & Bear

STREET: 620 Newport Center Drive 16th Floor

CITY: Newport Beach

STATE: CA

COUNTRY: U.S.A.

ZIP: 92660

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/939,226

FILING DATE: 24-Aug-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/626,939

FILING DATE: 2000-07-27

ATTORNEY/AGENT INFORMATION:

NAME: Altman, Daniel E

REGISTRATION NUMBER: 34,115

REFERENCE/DOCKET NUMBER: <Unknown>

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:

LENGTH: 360 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: No. US20020110805A1e

SEQUENCE DESCRIPTION: SEQ ID NO: 7:

US-09-939-226-7

Query Match 83.5%; Score 1645.5; DB 10; Length 360;  
Best Local Similarity 94.9%; Pred. No. 1.3e-139;  
Matches 317; Conservative 4; Mismatches 6; Indels 7; Gaps 3;

QY	1	MLSTSRSRFRINTNESGEEVTTFFDYDYGAPCHKFDVKQIGAOQLPPLYSLVFIFFGVGN	60
Db	1	MLSTSRSRFRINTNESGEEVTTFFDYDYGAPCHKFDVKQIGAOQLPPLYSLVFIFFGVGN	60
QY	61	MLVVLILNCKKLCLELDIYLLNLAISDLLFLITPLWAHSAANEWVFGNAMCKLFTGLY	120
Db	61	MLVVLILNCKKLCLELDIYLLNLAISDLLFLITPLWAHSAANEWVFGNAMCKLFTGLY	120
QY	121	HIGYFGGIFILLITIDRYLAIVHAVFALKARTVTFGVVTSVITWLVAFAVSPGIIFTK	180
Db	121	HIGYFGGIFILLITIDRYLAIVHAVFALKARTVTFGVVTSVITWLVAFAVSPGIIFTK	180
QY	181	CQEDSVVCGPYPRGWNNEFTIMRNILGLVLPILLIMVICYSGILKTLRCRNEKKRHR	240
Db	181	CQEDSVVCGPYPRGWNNEFTIMRNILGLVLPILLIMVICYSGILKTLRCRNEKKRHR	240
QY	241	AVRVFTIMIVYFWTPYNIIVLLNTFQEFFGLSNCESTSQLDOATQVTTGLMTHCCI	300
Db	241	AVRVFTIMIVYFWTPYNIIVLLNTFQEFFGLSNCESTSQLDOATQVTTGLMTHCCI	300
QY	301	NPPIYAFVGEKFR---SLF---HIALG-CRIAPL 327	
Db	301	NPPIYAFVGEKFRYISVFFRKKHIXXXFCQCPV 334	

Db 301 NPIIYAFVGEKFRRIYISVFFRKHIXXFXCKQCPV 334

## RESULT 12

US-09-938-703-7

; Sequence 7, Application US/09938703

; Patent No. US20020110870A1

; GENERAL INFORMATION:

; APPLICANT: SAMSON, MICHEL

; PARMENTIER, MARC

; VASSART, GILBERT

; LIBERT, FREDERICK

; TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR

; AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR

; NUMBER OF SEQUENCES: 17

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Knobbe, Martens, Olson & Bear

; STREET: 620 Newport Center Drive 16th Floor

; CITY: Newport Beach

; STATE: CA

; COUNTRY: U.S.A.

; ZIP: 92660

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/938,703

; FILING DATE: 24-Aug-2001

; CLASSIFICATION: <Unknown>

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 09/626,939

; FILING DATE: 2000-07-27

; ATTORNEY/AGENT INFORMATION:

; NAME: Altman, Daniel E

; REGISTRATION NUMBER: 34,115

; REFERENCE/DOCKET NUMBER: <Unknown>

; INFORMATION FOR SEQ ID NO: 7:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 360 amino acids

; TYPE: amino acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: No. US20020110870A1e

; SEQUENCE DESCRIPTION: SEQ ID NO: 7:

US-09-938-703-7

Query Match 83.5%; Score 1645.5; DB 10; Length 360;  
Best Local Similarity 94.9%; Pred. No. 1.3e-139;  
Matches 317; Conservative 4; Mismatches 6; Indels 7; Gaps 3;

QY 1 MLSTSRFRIRNTNSESGETTFFDYDYGAPCHKFDVKQIGQALLPPLYSLVFTFGVGN 60

Db 1 MLSTSRFRIRNTNSESGETTFFDYDYGAPCHKFDVKQIGQALLPPLYSLVFTFGVGN 60

QY 61 MLVVLINCKKIKCLTDIYLLNLAISDLLFLITPLWAHSAANEVFGNAMCKLFTGLY 120

Db 61 MLVVLINCKKIKCLTDIYLLNLAISDLLFLITPLWAHSAANEVFGNAMCKLFTGLY 120

QY 121 HIGYFGGIEFIILLTDRYLAIVHAVFALKARTVTGVTSTITLWVAVFASVPGIIFTK 180

Db 121 HIGYFGGIEFIILLTDRYLAIVHAVFALKARTVTGVTSTITLWVAVFASVPGIIFTK 180

QY 181 COKEDSVYVCGPYFPRGWNHFTIMRNILGLVPLLMVICYSGLKTLRLCRNEKKRRH 240

Db 181 COKEDSVYVCGPYFPRGWNHFTIMRNILGLVPLLMVICYSGLKTLRLCRNEKKRRH 240

QY 241 AVRVTFTIMVYFLEWTPYNIIVLLNTFOEFFGLSNCESTSOLDQAQVETLGMTHCCI 300

Db 241 AVRVTFTIMVYFLEWTPYNIIVLLNTFOEFFGLSNCESTSOLDQAQVETLGMTHCCI 300

QY 301 NPIIYAFVGEKFR---SLF---HIALG-CRIAPL 327

Db 301 NPIIYAFVGEKFRRIYISVFFRKHIXXFXCKQCPV 334

## RESULT 13

US-09-104-792-3

; Sequence 3, Application US/09104792

; Patent No. US20020019026A1

; GENERAL INFORMATION:

; APPLICANT: Soppet, Daniel R.

; APPLICANT: Yi, Li

; APPLICANT: Ruben, Steven M.

; APPLICANT: Rosen, Craig A.

; TITLE OF INVENTION: HUMAN G-PROTEIN RECEPTOR HGBR32

; NUMBER OF SEQUENCES: 7

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN, CECCHI,

; STREET: 6 Becker Farm Road

; CITY: Roseland

; STATE: New Jersey

; COUNTRY: USA

; ZIP: 07068

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; OPERATING SYSTEM: IBM PC compatible

; SOFTWARE: Patentin Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/104,792

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/08/461,244

; FILING DATE: 05-JUN-1995

; ATTORNEY/AGENT INFORMATION:

; NAME: Ferraro, Gregory D.

; REGISTRATION NUMBER: 36,134

; REFERENCE/DOCKET NUMBER: 325800-445

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 201-994-1700

; TELEFAX: 201-994-1744

; INFORMATION FOR SEQ ID NO: 3:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 347 amino acids

; TYPE: amino acid

; STRANDEDNESS:

; TOPOLOGY: linear

; MOLECULE TYPE: protein

US-09-104-792-3

Query Match 80.7%; Score 1589.5; DB 10; Length 347;  
Best Local Similarity 95.3%; Pred. No. 1.3e-134;  
Matches 306; Conservative 3; Mismatches 5; Indels 7; Gaps 3;

QY 14 NESGEVTTFFDYDYGAPCHKFDVKQIGQALLPPLYSLVFIFGVGNMLVLLINCKKL 73

Db 1 NESGEVTTFFDYDYGAPCHKFDVKQIGQALLPPLYSLVFIFGVGNMLVLLINCKKL 60

QY 74 KCLTDIYLLNLAISDLLFLITPLWAHSAANEVFGNAMCKLFTGLYHIGYFGGIFFIIL 133

Db 61 KCLTDIYLLNLAISDLLFLITPLWAHSAANEVFGNAMCKLFTGLYHIGYFGGIFFIIL 120

QY 134 LTIDRYLAIVHAVFALKARTVTGVTSTITLWVAVFASVPGIIFTKCOKEDSVYVCGPY 193

Db 121 LTIDRYLAIVHAVFALKARTVTGVTSTITLWVAVFASVPGIIFTKCOKEDSVYVCGPY 180

QY 194 FPRGWNHFTIMRNILGLVPLLMVICYSGLKTLRLCRNEKKRRHRAVRVFTIMIVYF 253

Db 181 FPRGWNHFTIMRNILGLVPLLMVICYSGLKTLRLCRNEKKRRHRAVRVFTIMIVYF 240

QY 254 LFWTYPYNIIVLLNTFOEFFGLSNCESTSOLDQAQVETLGMTHCCINPIIYAFVGEKFR 313

Db 241 LFWTPYINIVLLNTFOEFGSLNCSTSQLDAQVTTGLTMTHCCINPIIYAFVGEKFR 300  
QY 314 ---SLF---HIALG-CRTAPL 327  
Db 301 RYLSVFFRKHITKRCCKQCPV 321

## RESULT 14

US-10-232-686-2  
; Sequence 2, Application US/10232686  
; Publication No. US20030023044A1  
; GENERAL INFORMATION:  
; APPLICANT: Li, Yi  
; APPLICANT: Ruben, Steven M.  
; TITLE OF INVENTION: Human G-Protein Chemokine Receptor (CCR5) HDGNR10  
; FILE REFERENCE: 1488.115000N  
; CURRENT APPLICATION NUMBER: US/10/232,686  
; CURRENT FILING DATE: 2002-09-03  
; PRIOR APPLICATION NUMBER: 09/339,912  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/195,662  
; PRIOR FILING DATE: 1998-11-18  
; PRIOR APPLICATION NUMBER: 08/466,343  
; PRIOR FILING DATE: 1995-06-06  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2  
; LENGTH: 352  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-232-686-2

Query Match 62.1%; Score 1224; DB 9; Length 352;  
Best Local Similarity 76.3%; Pred. No. 7.2e-102;  
Matches 235; Conservative 27; Mismatches 34; Indels 12; Gaps 3;

QY 24 FDYDY--GAPCHKFDVKQIGAQLLPPLYSLVFIFGFGVGNMVLVILINCKKLKCLTDIYL 81  
Db 10 YDINYTSEPCQKINVKQIAARLLPPLYSLVFIFGFGVGNMVLVILINCKRLKSMTDIYL 69  
QY 82 LNLASDLLFLITPLWAHSAANEWVFGNAMCKLFTGLYHIGYFGGIFFIILLTIDRYLA 141  
Db 70 LNLASDLEFLITVPFWAHYAAQWDFGNTMCQLLGLYFIFGFGIFFIILLTIDRYLA 129  
QY 142 IVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTKCKEDSVVYCGPYPP---RG 197  
Db 130 VHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTRSQKGLHYTCSHFPYSQYQF 189  
QY 198 WNNFHTIMRNILGLVPLLMVICYSGILKTLRCRNEKRRHRAVRVIFTIMIVYFLFWT 257  
Db 190 WKNFQTLKIVILGLVPLLMVICYSGILKTLRCRNEKRRHRAVRVIFTIMIVYFLFWA 249  
QY 258 PYNIVILLNTFQEFFGLSNCESTSQLDAQVTTGLTMTHCCINPIIYAFVGEKFRSLF- 316  
Db 250 PYNIVILLNTFQEFFGLNCCSSNRLDQAMQVTTGLTMTHCCINPIIYAFVGEKFRNYLL 309  
QY 317 -----HIA 319  
Db 310 VFFQKHIA 317

## RESULT 15

US-09-725-285-2  
; Sequence 2, Application US/09725285  
; Patent No. US20010000241A1  
; GENERAL INFORMATION:  
; APPLICANT: Li, Yi  
; APPLICANT: Ruben, Steven, M.  
; TITLE OF INVENTION: Antibodies to Human G-Protein Chemokine Receptor HDGNR10  
; TITLE OF INVENTION: (CCR5 Receptor)  
; FILE REFERENCE: 1488.1150003  
; CURRENT APPLICATION NUMBER: US/09/725,285  
; CURRENT FILING DATE: 2000-11-29

; PRIOR APPLICATION NUMBER: 09/339,912  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/195,662  
; PRIOR FILING DATE: 1998-11-18  
; PRIOR APPLICATION NUMBER: 08/466,343  
; PRIOR FILING DATE: 1995-06-06  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2  
; LENGTH: 352  
; TYPE: PRT  
; ORGANISM: Artificial Sequence: Genomic  
; FEATURE:  
; OTHER INFORMATION: Deduced Amino Acid Sequence  
US-09-725-285-2

Query Match 62.1%; Score 1224; DB 10; Length 352;  
Best Local Similarity 76.3%; Pred. No. 7.2e-102;  
Matches 235; Conservative 27; Mismatches 34; Indels 12; Gaps 3;  
QY 24 FDYDY--GAPCHKFDVKQIGAQLLPPLYSLVFIFGFGVGNMVLVILINCKKLKCLTDIYL 81  
Db 10 YDINYTSEPCQKINVKQIAARLLPPLYSLVFIFGFGVGNMVLVILINCKRLKSMTDIYL 69  
QY 82 LNLASDLLFLITPLWAHSAANEWVFGNAMCKLFTGLYHIGYFGGIFFIILLTIDRYLA 141  
Db 70 LNLASDLEFLITVPFWAHYAAQWDFGNTMCQLLGLYFIFGFGIFFIILLTIDRYLA 129  
QY 142 IVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTKCKEDSVVYCGPYPP---RG 197  
Db 130 VHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTRSQKGLHYTCSHFPYSQYQF 189  
QY 198 WNNFHTIMRNILGLVPLLMVICYSGILKTLRCRNEKRRHRAVRVIFTIMIVYFLFWT 257  
Db 190 WKNFQTLKIVILGLVPLLMVICYSGILKTLRCRNEKRRHRAVRVIFTIMIVYFLFWA 249  
QY 258 PYNIVILLNTFQEFFGLSNCESTSQLDAQVTTGLTMTHCCINPIIYAFVGEKFRSLF- 316  
Db 250 PYNIVILLNTFQEFFGLNCCSSNRLDQAMQVTTGLTMTHCCINPIIYAFVGEKFRNYLL 309  
QY 317 -----HIA 319  
Db 310 VFFQKHIA 317  
Search completed: May 19, 2003, 17:01:07  
Job time : 36.139 secs

